



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

November 19, 2009

Ms. Lesa B. Roe
Director, NASA Langley Research Center
1 Langley Boulevard
Hampton, Virginia 23681

RE: Reissuance of VPDES Permit No. VA0024741
NASA Langley Research Center
Hampton, Virginia 23681

Dear Ms. Roe:

The enclosed effluent limitations and monitoring requirements for the above referenced permit have been approved. Additionally, enclosed is a copy of the fact sheet page that describes public participation in the permitting process. Please replace the page in fact sheet that you received with the draft permit with this page.

Your permit is also enclosed. In accordance with the permit, you are required to submit monitoring reports to the following address:

Department of Environmental Quality (DEQ)
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

The reporting forms are included with the permit. You will be responsible for obtaining additional copies of the reporting forms. The first reports (DMR's) are due for first semiannual period of 2010 by July 10, 2010.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty days from the date of service (the date you actually received this decision or the date it was mailed to you, whichever occurred first) within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Department of Environmental Quality. In the event that this decision is served on you by mail, three days are added to that period.

Alternatively, any owner under Section 62.1-44.16, 62.1-44.17, and 62.1-44.19 of the State Water Control Law aggrieved by any action of the State Water Control Board taken without a formal hearing, or by inaction of the Board, may demand in writing a formal hearing of such owner's grievance, provided a petition requesting such hearing is filed with the Board. Said petition must meet the requirements set forth in Section 1.23(b) of the Board's Procedural Rule No. 1. In cases involving actions of the Board, such petition must be filed within thirty days after notice of such action is mailed to such owner by certified mail.

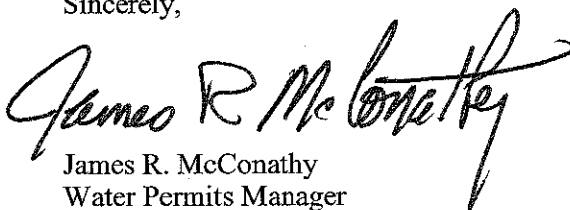
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Note that DEQ has launched an e-DMR program that allows you to submit the effluent data electronically. If you are interested in participating in this program please visit the follow website for details:

<http://www.deq.virginia.gov/water/edmrfaq.html>

If you have any additional questions, please do not hesitate to contact Debra L. Thompson at 757-518-2162 or by email at debra.thompson@deq.virginia.gov.

Sincerely,

A handwritten signature in black ink, reading "James R. McConathy". The signature is fluid and cursive, with the first name "James" and last name "McConathy" clearly legible.

James R. McConathy
Water Permits Manager

JRM/DLT

cc: DEQ - OWPP, TRO File
EPA - Region III (3WP12)

Encl: Permit No. VA0024741
Revised Fact Sheet Page

Persons may comment in writing or by e-mail to the DEQ on the proposed reissuance of the permit within 30 days from the date of the first notice. Address all comments to the contact person listed below. Written or e-mail comments shall include the name, address, and telephone number of the writer, and shall contain a complete, concise statement of the factual basis for comments. Only those comments received within this period will be considered. The Director of the DEQ may decide to hold a public hearing if public response is significant. Requests for public hearings shall state the reason why a hearing is requested, the nature of the issues proposed to be raised in the public hearing and a brief explanation of how the requestor's interests would be directly and adversely affected by the proposed permit action.

All pertinent information is on file and may be inspected, and arrangements made for copying by contacting Ms. Debra L. Thompson at: Department of Environmental Quality (DEQ); Tidewater Regional Office, 5636 Southern Boulevard, Virginia Beach, VA 23462. Telephone: 757-518-2162 E-mail: debra.thompson@deq.virginia.gov

Following the comment period, the Board will make a determination regarding the proposed issuance/reissuance/modification. This determination will become effective, unless the Director grants a public hearing. Due notice of any public hearing will be given.

30. **ADDITIONAL FACT SHEET COMMENTS/PERTINENT INFORMATION:**

NASA Langley Research Center discharge is predominately comprised of cooling tower blowdown and storm water runoff along with several other infrequent flow sources (vehicle wash, fire truck wash water and water softener backwash brine). Make-up water for the cooling towers is the City of Newport News water supply. And this water is known to have elevated copper levels due to the treatment used (copper sulfate & zinc orthophosphate) for the potable water supply. The Cu and Zn data generated by NASA has been inconsistent over the past permit term. Review by this office does show slightly elevated copper and zinc concentrations. Knowing the source information, copper & zinc will continue to be monitored and reported; however no numeric limit shall be included in this permit, at this time. Data generation and review will allow this office to properly evaluate the presence of a pollutant closely related to water quality.